

ABSTRACT

An ultrasound imaging system is provided with an interface for receiving user input, and a controller coupled to the interface, the controller being adapted and configured to adjust parameters for a catheter-based
5 ultrasound probe in response to received user input. Preferably, the controller is programmed to receive a user request for a desired imaging depth, determine an imaging frequency that corresponds to the desired imaging depth, and adjust the imaging frequency of the system to the determined imaging frequency that corresponds to the desired
10 imaging depth.